

52068

Patent Application

OK TO ENTER: /RS/
Substitute Spec.

of

05/15/2009

KONSTANTINOS POULAKIS

for

HOOK AND LOOP CONNECTOR PIECE

Field of the Invention

The present invention relates to a hook and loop connector piece comprising a support strip with hooking elements located on it on one side and with at least one cover strip. The cover strip forms at least one free side edge area extending beyond the respective longitudinal edge of the support strip. The respective free side edge area of the cover strip can be folded over itself in the direction to the support strip along a fold line extending in the longitudinal direction. The end edge of the respective free side edge area of the cover strip faces the respective longitudinal edge of the support strip. On the side of the hook and loop connector piece facing away from the hooking elements, a connecting means for mold or molded foam is provided.

Background of the Invention

Hook and loop connector pieces having a plurality of hooking elements made in one piece in the form of stalks with thickenings and located on the hooking or front side of the support strip are conventional. A production process for producing the support strip of these hook and loop connector pieces is described in DE 198 28 856 C1 (corresponding to U.S. Patent No. 6,627,133). In this process, preferably a thermoplastic, especially a polyolefin or polyamide, in the plastic or liquid state is supplied to a gap between a pressing tool and a molding tool. The shaping element on the molding tool is a screen with continuous cavities. The hooking elements are formed by the thermoplastic which at least partially hardens in the cavities of the screen. In this way, a micro-